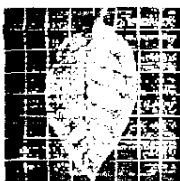


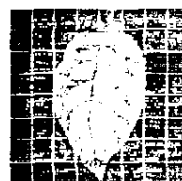
Tobacco
Institute
Testing
Laboratory



2 Taft Court
Rockville,
Maryland 20850
(301) 294-8582



April 27, 1990



TITL
RECEIVED

APR 30 1990

W. F. KUHN

Mr. Roy C. Hilliard
Mr. William F. Kuhn
Dr. Preston H. Leake
Mr. Larry A. Lyerly
Mr. James F. Nall
Dr. Fred J. Schultz
Mr. W. Brooks George

Gentlemen:

I am enclosing TITL's Tar, Nicotine, and CO report for Market Sample 32. The brands tested were obtained in the retail market place between the last week in January and the third week in March of 1989.

Company results, rankings, and butt lengths appear as appendices to the report. The rankings and roundings were done from the original calculations using at least four decimal places. If ties still existed, they were broken using standard deviations.

Also included are files of TITL results on a 360K DSDD disk readable on any IBM compatible machine. Two files are in Lotus .wk1 format. One contains TPM, water, and puff counts in addition to "tar", "nicotine", and CO; the other contains the rounded "tar", "nicotine", and CO values. These should be readable by most programs; however, the same information is also provided in ASCII files (with a .csv extension) with commas delimiting the data fields.

Yours truly,


William L. Steele

Enclosures(2)

xc: Ronald S. Goldbrenner
M.J. McGraw w/o enclosures
John P. Rupp

PM3000761972